

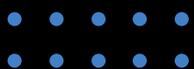
# COMPANY PROFILE





**PT. CAKRA INDO FLUIDA**  
ENGINEERING-PROCUREMENT-CONSTRUCTION

# Our Clients



# About Company

Starting as a supplier due fluida handling, CV. Cakra Fluida which later was renamed to PT. Cakra Indo Fluida become a manufacturing company to fulfill industries need. With good skill and experience team, we accommodate our cutomer need.



As times goes by our company has developed more, CV. Cakra Fluida has been taking care of Mechanical Supplier and PT. Cakra Fluida in Contractor sector, that has been taking care of Engineering Procurement and Construction Services.

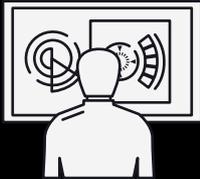
## Vision & Mission

Satisfaction of customer becomes most considerable commitment CV. Cakra Fluida and PT. Cakra Indo Fluida

# OUR SERVICES

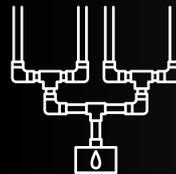


With the support of experts, skills, ability and performance of our team. We hope to gain the trust of our customers to serve:



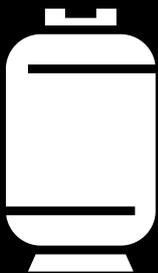
## Engineering Work

- Surveyor Team
- Design & Calculation
- Drawing ( P&ID, Isometric, General, As Built, etc )



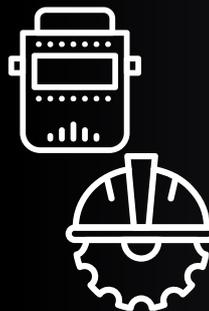
## Piping Work

- Pipe Line ( SS, CS, Sanitary, Galvanish, etc )
- Piping Hydrant, Steam, H<sub>2</sub>, Double Jacketing Pipe, etc



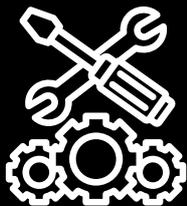
## Equipment & Tank

- Storage Tank
- Pressure Vessel
- Mixer Agitator Tank
- Chiler Tank
- Jacketing Tank
- Hopper, Cyclone, Chimney
- MDR & Certification Disnaker



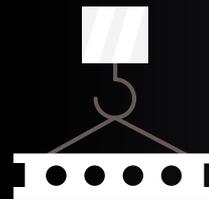
## Fabrication & Assembly

- Bending Roll Plate & Pipe Coil
- Fabrication Ballfront Head
- Fabrication Fitting & Ducting
- Fabrication Screw Conveyor
- Scaffolding Work
- Handling & Assembly Equipment
- etc



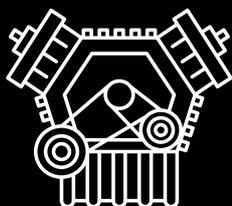
## Maintenance Service

- Maintenance Work
- Modification Equipment
- Overhaul & Retubing Boiler
- TA / Shut Down Plant



## Construction

- Steel Structure
- Pipe Rack & Support Gantry
- Platform Work
- Civil & Foundation
- etc



## Procurement & Supplier Services

- Pump
- Gearbox & Motor
- Valve
- Plate
- Pipe & Fitting
- Sparepart & Accessories



# Our Experience

## Pressure Vessel & Tank



## Piping Work

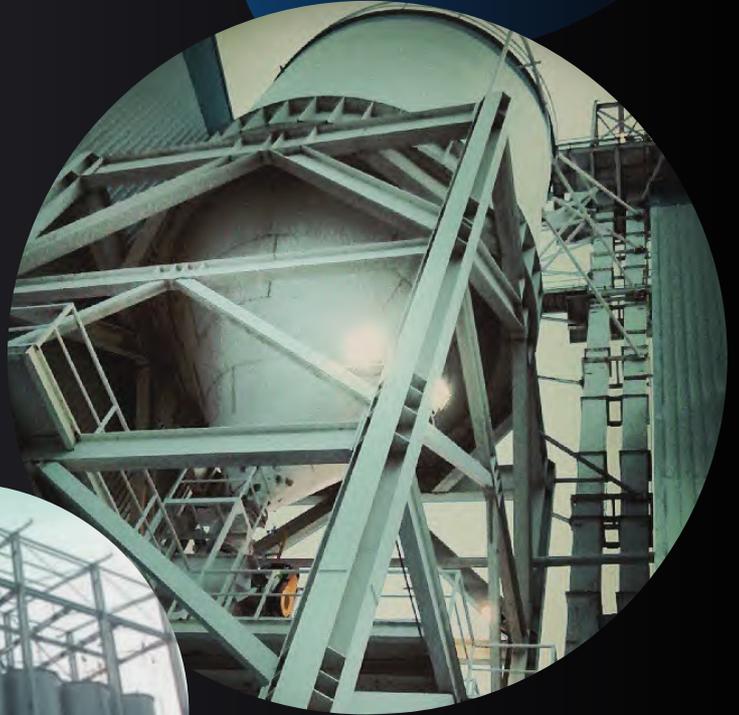


## Steel Structure



# Our Experience

## Erection



## Fabrication



# The Profesionalism

As a company that taking care services, we have become a company that has high professionalism to provide our clients with services that are satisfied with the working results we do. We have established very large and extensive cooperation with several well-known companies as well as pioneers who will sell their respective company products and services. We always work according to what they want to achieve and also by the vision and mission of the our company



# How to Contact Us



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**E-Mail** : cakra.if@gmail.com

# Contact Person



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**Marketing** : Susi Wulandari



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[www.cakraindofluida.co.id](http://www.cakraindofluida.co.id)





**CV. CAKRA FLUIDA**  
FLUID HANDLING SOLUTION

# Procurement & Supplier Services

## Mechanical Seal



## Pipe & Fitting



## Pump & Motor



## Valve



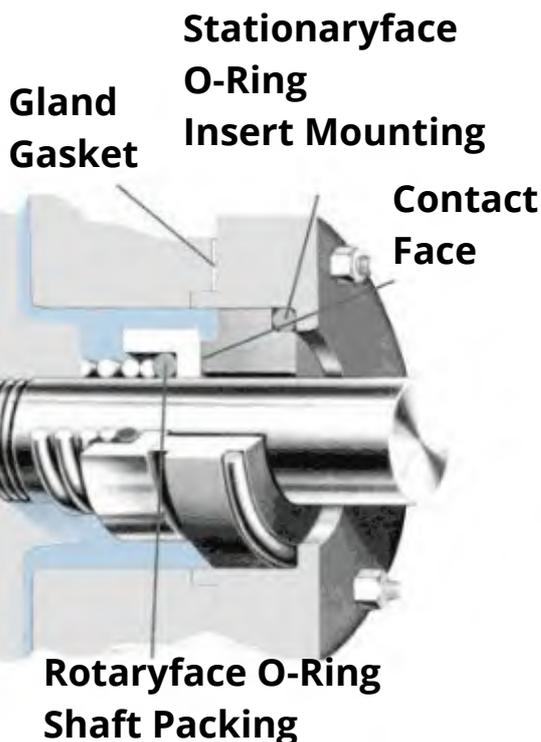
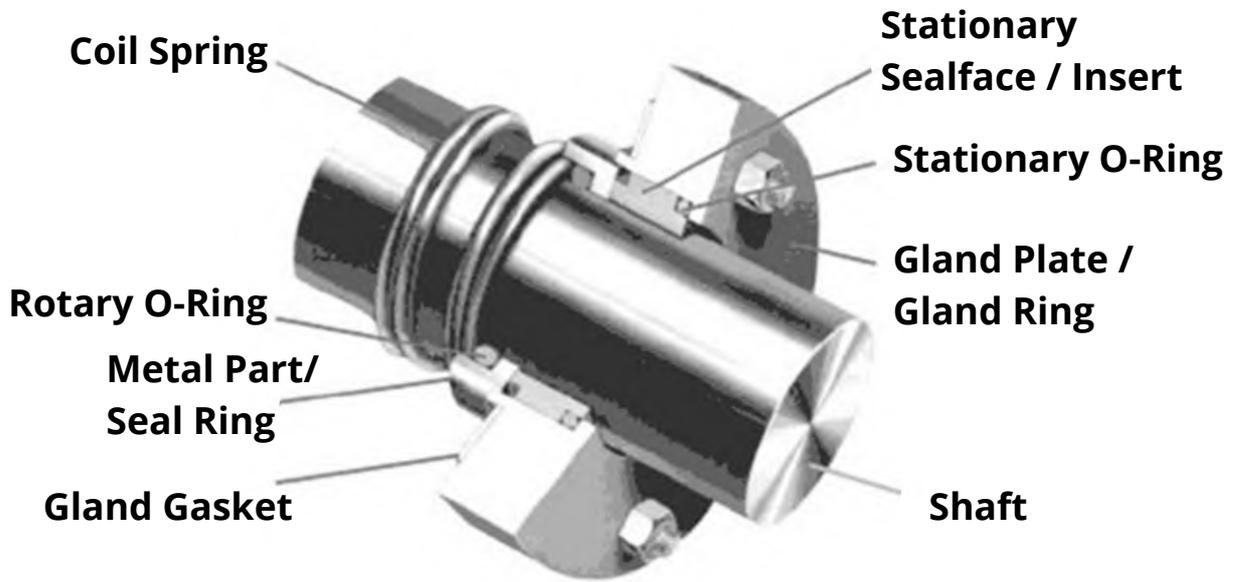
# Mechanical Seal

## Basic of fluid pump sealing

A Mechanical Seal is simply a method of containing fluid within a vessel ( typically pump, mixer, etc ). Where a rotating shaft passes through a stationary housing of occasionally, where the housing rotates around the shaft.



# Mechanical Seal Components

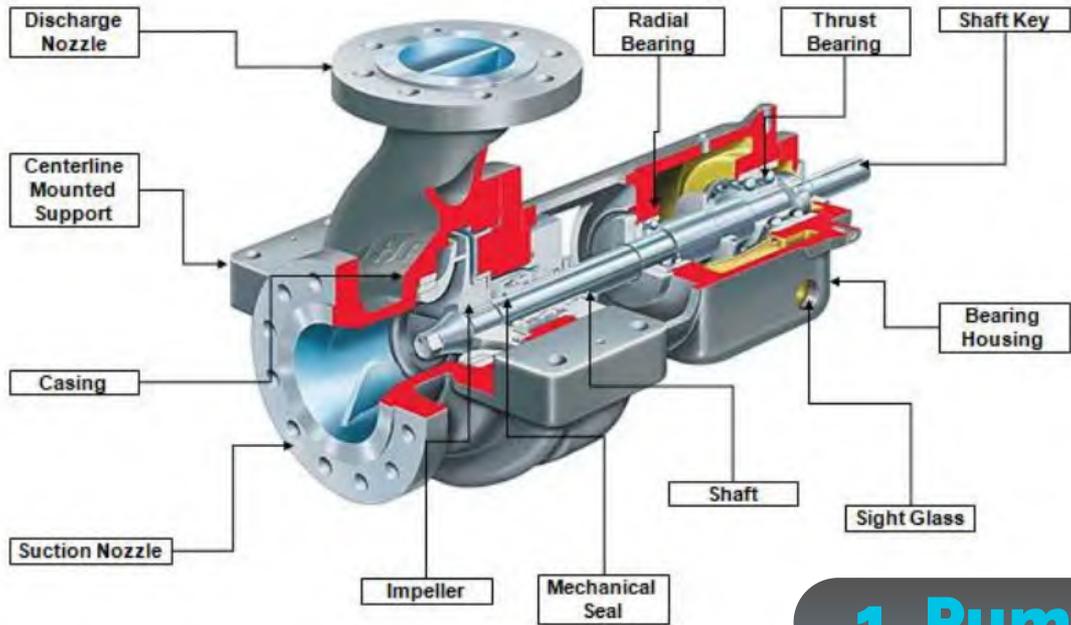


## Mechanical Seal adalah

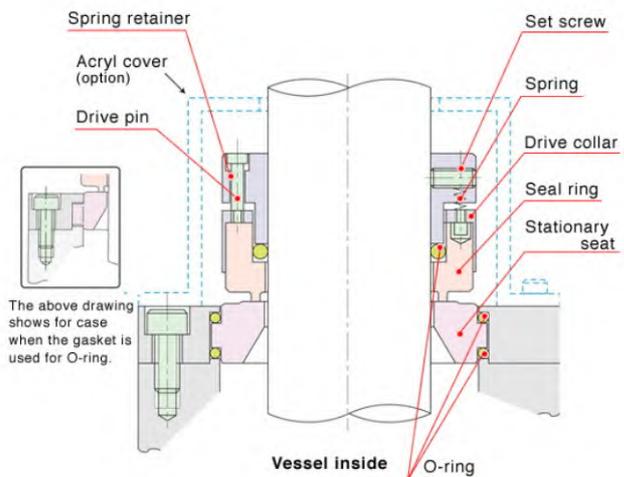
Sebuah alat pengeblok cairan/gas pada suatu *Rotating Equipment*, yang terdiri atas :

1. Dua buah sealface yang bisa aus, dimana salah satu diam dan salah satunya berputar membentuk titik pengeblokan primer (primary sealing).
2. Satu atau sekelompok o-ring/bellows/PTFE wedge yang merupakan titik pengeblokan sekunder (secondary sealing).
3. Alat pembeban mekanis untuk membuat sealface saling menekan.
4. Asesoris metal yang diperlukan untuk mekengkapi rangkaian *Mechanical Seal*

# Mechanical Seal Application



## 1. Pumps



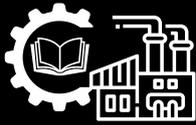
## 2. Agitator

# Customer List

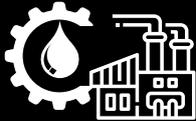
## CV. Cakra Fluida



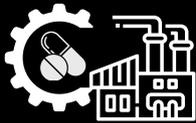
### Line of Business



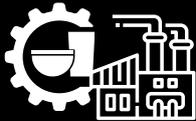
1 Paper Plant



2 Chemical Plant



3 Pharmaceutical Plant



4 Food & Beverage Plant



5 General Industries



# Cartridge Mechanical Seal



# Component / Basic Mechanical Seal



# Other Parts

## Mechanical Seal

Sleeve SiC



Mating Ring



# Bellow

## Mechanical Seal

### Metal Bellow



### Elastomer Bellow



# How to Contact Us



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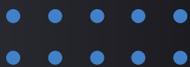
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